

## 2. Catalina

**Program Name:** Catalina.java

**Input File:** catalina.dat

Catalina loves acronyms and has discovered that several everyday words commonly used are acronyms. For example, in the military, **AWOL** means **Absent WithOut Leave**, and **SNAFU** is used in a slightly sarcastic and cynical way to say things aren't really going great, as usual, standing for **Situation Normal All Fouled Up**. She decides to write a program that will take the phrase and reduce it to its acronym, taking only the significant letters, which she uppercases in the actual input sentence, and then parses through the sentence and forms the acronym from those letters.

**Input:** Several phrases, each on one line, with key letters uppercased.

**Output:** The resulting one-word acronym made up of the uppercased letters in the phrase, eliminating spaces and all other letters and symbols.

**Sample input:**

Absent WithOut Leave  
Self-Contained Underwater Breathing Apparatus  
Completely Automated Public Turing test to tell Computers and Humans Apart  
Situation Normal, All Fouled Up  
Junior Reserve Officer Training Corps  
Missing In Action

**Sample output:**

AWOL  
SCUBA  
CAPTCHA  
SNAFU  
JROTC  
MIA